

**DIRECT TESTIMONY OF STEVEN J. LEVITAS
ON BEHALF OF
THE SOUTH CAROLINA SOLAR BUSINESS ALLIANCE
EXHIBIT SJL-6**



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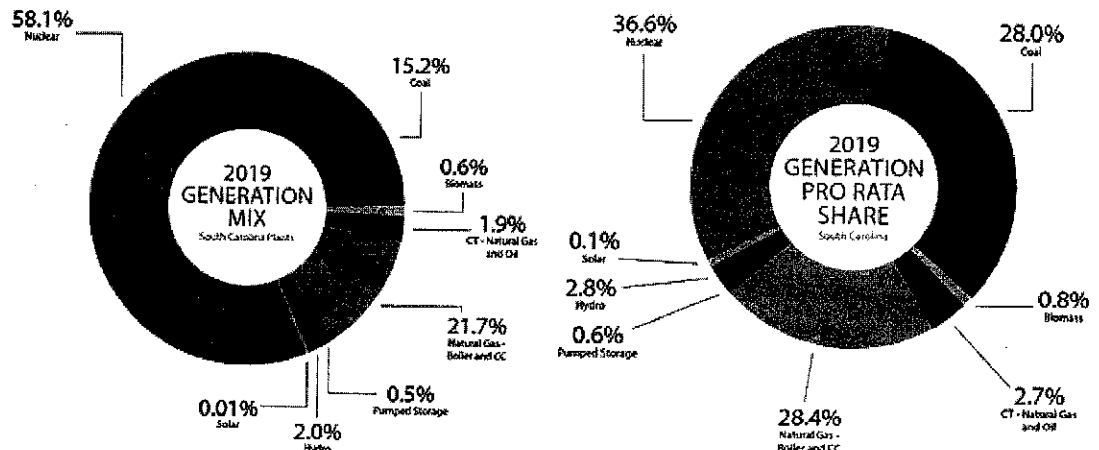
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SC Energy Data**Generation**

Generation is the amount of electricity produced over a specific period of time, measured in watt-hours (Wh). For example, a generator with 1 MW (1 million watts) capacity that operates at that capacity consistently for one hour will produce 1 MWh of electricity.

Electricity generated in South Carolina is not necessarily consumed in the state. South Carolina has two multi-state utilities (Duke Energy Carolinas and Duke Energy Progress) that share the electricity generated in both South Carolina and North Carolina among their customers in the Carolinas. Therefore, the generation fuel mix does not solely represent the consumption by South Carolina customers, due to electric resources being shared across both states. The pro rata share data represents the portion of electricity consumed in South Carolina.



2018 Generation and Capacity Overview (PDF)
2017 Generation and Capacity Overview (PDF)
2016 Generation and Capacity Overview (PDF)
2015 Generation and Capacity Overview (PDF)

Table 1
Dominion Energy South Carolina
2019 Generation (MWh)

Fuel	Total MWh
Coal	5,599,617 (24%)
Biomass	---
Combustion Turbines- Natural Gas and Oil	27,275 (0.1%)
Natural Gas- Boiler and Combined Cycle	11,825,161 (50%)
Pumped Storage	473,908 (2%)
Hydro	288,175 (1%)
Solar*	3,096 (0.01%)
Nuclear	5,502,476 (23%)
Total	23,719,708

*This line reflects company-owned solar only. The total amount of company-owned and purchased solar is 869,361 MWh.
DOWNLOAD DATA ARCHIVE: Generation: Dominion Energy South Carolina 2016-2019

Table 2
Santee Cooper
2019 Generation (MWh)

Fuel	Total MWh
Coal	9,126,240 (50%)
Biomass	58,948 (0.3%)
Combustion Turbines- Natural Gas and Oil	1,734,213 (10%)
Natural Gas- Boiler and Combined Cycle	3,847,943 (21%)

Pumped Storage	--
Hydro	591,823 (3%)
Solar	4,704 (0.03%)
Nuclear	2,745,969 (15%)
Total	18,109,830

DOWNLOAD DATA ARCHIVE: Generation: Santee Cooper 2016-2019

Table 3
Duke Energy Carolinas
2019 Generation (MWh)

Fuel	Total MWh
Coal	5,963,250 (22%)
Biomass	--
Combustion Turbines- Natural Gas and Oil	286,550 (1%)
Natural Gas- Boiler and Combined Cycle	3,783,874 (14%)
Pumped Storage	--
Hydro	630,216 (2%)
Solar	--
Nuclear	16,426,900 (61%)
Total	27,090,790

DOWNLOAD DATA ARCHIVE: Generation: Duke Energy Carolinas 2016-2019

Table 4
Duke Energy Progress
2019 Generation (MWh)

Fuel	Total MWh
Coal	1,362,708 (16%)
Biomass	--
Combustion Turbines- Natural Gas and Oil	97,318 (1%)
Natural Gas- Boiler and Combined Cycle	2,906,232 (34%)
Pumped Storage	--
Hydro	95,629 (1%)
Solar	35,855 (0.4%)
Nuclear	4,075,921 (48%)
Total	8,573,663

DOWNLOAD DATA ARCHIVE: Generation: Duke Energy Progress 2016-2019

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